

## High-density Ceiling-mounted Wireless AP

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### WAP210 Series



- **High-performance wireless solutions**
- **WEP/WPA/WAP2/WPA3 access modes, wireless IPS/IDS, the layer-2 user isolation, and centralized ACL control**
- **LED controllable design**
- **The integrated design of fat and thin APs**

The WAP210 Series is a ceiling-mounted wireless access point designed for high-density deployment in environments such as enterprises, campuses, hospitals, government offices, hotels, and smart buildings. Built with a high-performance RF chip and omnidirectional MIMO high-power antenna, it delivers strong throughput, broad coverage, and reliable concurrent access, effectively minimizing dead zones and maximizing WLAN performance.

With support for PoE and adaptor power input, the WAP210 Series offers flexible deployment options while maintaining an energy-efficient design. It complies with 802.11a/b/g/n/ac/ax/be standards, supports up to 32 SSIDs, and can handle up to 256 concurrent users, making it well-suited for large-scale wireless scenarios that require stability and scalability.

The series also provides rich functionality, including FIT and FAT AP modes, multiple authentication options (SNS, SMS, whitelist), and universal network management through cloud platforms and Portal 2.0. Combining advanced performance with a sleek ceiling-mount design, the WAP210 Series is an ideal solution for organizations seeking a cost-effective and reliable wireless network infrastructure.

## Key Features

- Support high-performance wireless solutions
- Support wired and wireless QoS, automatic terminal identification
- Support WEP/WPA/WAP2/WPA3 access modes, wireless IPS/IDS, the layer-2 user isolation, and centralized ACL control
- Support docking with WSC610 wireless AC and Pallas cloud platform
- Equipped with LED controllable design
- Support the integrated design of fat and thin APs

## Model List

### WAP210-T618-V2



- 1-Port Gigabit PoE-in WAN
- 1-Port Gigabit RJ45 LAN
- 1800Mbps WiFi6

### WAP210-T630-V2



- 1-Port Gigabit PoE-in WAN
- 1-Port Gigabit RJ45 LAN
- 3000Mbps WiFi6

### WAP210-T630E-V2



- 1-Port 2.5GE PoE-in WAN
- 1-Port Gigabit RJ45 LAN
- 3000Mbps WiFi6

### WAP210-T654



- 1-Port 2.5GE PoE-in WAN
- 1-Port Gigabit RJ45 LAN
- 5400Mbps WiFi6

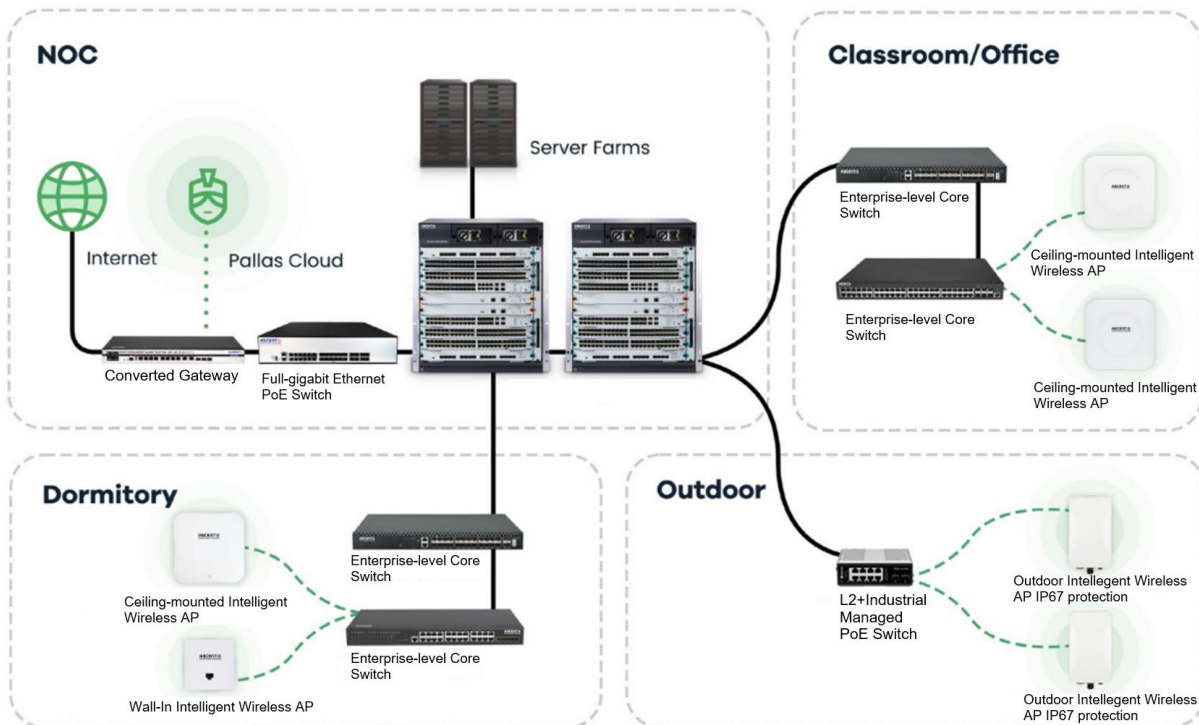
### WAP210-T751-V1



- 1-Port 2.5GE PoE-in WAN
- 1-Port Gigabit RJ45 LAN
- 5100Mbps WiFi7

## Application Diagram

— Optical fiber    - - - Copper



## Specifications

### Product Characteristics

Item	Technical Parameters		
	WAP210-T618-V2	WAP210-T630-V2	WAP210-T630E-V2
Ethernet Port	1-port Gigabit WAN (PoE) 1-port Gigabit LAN	1-port Gigabit WAN (PoE) 1-port Gigabit LAN	1-port 2.5GE WAN (PoE) 1-port Gigabit LAN
Frequency	2.4GHz + 5GHz	2.4GHz + 5GHz	2.4GHz + 5GHz
IEEE Standard	802.11 a/b/g/n/ac/wave2/ax	802.11 a/b/g/n/ac/wave2/ax	802.11 a/b/g/n/ac/wave2/ax
Max. Data Rate(Mbps)	1775	2975	2975
Signal Rate	575 Mbps (2.4 GHz) 1200 Mbps (5 GHz)	575 Mbps (2.4 GHz) 2400 Mbps (5 GHz)	575 Mbps (2.4 GHz) 2400 Mbps (5 GHz)
MIMO	2x2/2x2	2x2/2x2	2x2/2x2
Transmission Power	< 22 dBm (2.4 GHz) < 22 dBm (5 GHz)	< 22 dBm (2.4 GHz) < 22 dBm (5 GHz)	< 21 dBm (2.4 GHz) < 22 dBm (5 GHz)
Coverage Radius(m)	<20	<20	<20
Concurrent Clients	128	128	150
Button	1 RST/LED	1 RST/LED	1 RST/LED
Power Supply	PoE + 12V DC	PoE+ 12V DC	PoE + 12V DC
Power Consumption(W)	17	17	14
Mounting	Ceiling/Wall mouting(Kits included)	Ceiling/Wall mouting(Kits included)	Ceiling/Wall mouting(Kits included)
Dimensions (WxDxH)(mm)	180x180x26	180x180x26	225x220x42
Weight(g)	400	400	700
	WAP210-T654	WAP210-T751-V1	
Ethernet port	1-port 2.5GE WAN (PoE) 1- port Gigabit LAN	1-port 2.5GE WAN (PoE) 1-port Gigabit LAN	
Frequency	2.4GHz + 5GHz	2.4GHz + 5GHz	
IEEE Standard	802.11 a/b/g/n/ac/wave2/ax	802.11 a/n/ac/wave2/ax/be	
Max. Data Rate(Mbps)	5375	5011	
Signal Rate	575 Mbps (2.4 GHz) 4800 Mbps (5 GHz)	688 Mbps (2.4 GHz) 4323 Mbps (5 GHz)	
MIMO	2x2/4x4	2x2/3x3	
Transmission Power	< 29 dBm (2.4 GHz) < 30 dBm (5 GHz)	< 23 dBm (2.4 GHz) < 22 dBm (5 GHz)	
Coverage Radius(m)	<30	<20	
Concurrent Clients	256	150	
Button	1 RST/LED	1 RST/LED	
Power Supply	PoE + 12V DC	PoE+ 12V DC	
Power Consumption(W)	22	14	
Mounting	Ceiling/Wall mouting(Kits included)	Ceiling/Wall mouting(Kits included)	
Dimensions (WxDxH)(mm)	198x198x44	225x220x42	
Weight(g)	960	700	
Environment	Operating Temperature: 0 to 50°C (32 to 122°C ) Storage Temperature: -40 to 70°C (-40 to 158°C ) Operating Humidity: 10-95% RH non-condensing Storage Humidity: 5-95% RH non-condensing		
Protection Level	IP31		

## Software Characteristics

Item	Technical Parameters
Working Mode	AP Mode, Routing mode, Bridging Mode
IP Functions	IPv4, DHCP, NTP protocols Address acquisition methods such as static IP assignment, dynamic DHCP, and PPPoE
Wireless Management	CAPWAP and MQTT Allows AC discovery through Option 43, DNS, etc. Layer 2 and Layer 3 networking between AC and AP AC and AP cross-NAT networking User roaming across Layer 2 and Layer 3 Clock, version and configuration synchronization of AC and AP
Wireless Access	802.11 protocol suite multi-SSID management, Chinese SSID and SSID hiding Unbinding of SSID and VLAN SSID-based user limit and isolation Allows setting individual parameter templates for each SSID Country code settings
User Authentication	Local authentication and Cloud authentication Multiple authentication methods such as local account, SMS, WeChat, and vouchers User whitelist and blacklist Controls user access time and bandwidth
QoS	802.11e/WMM Global traffic rate limit Traffic rate limiting based on AP, VLAN, and user User load balancing based on wireless bands and AP
Wireless Optimization	One-click automatic network optimization and custom RF parameter settings Default 8 wireless scene templates, user-defined templates Automatic background optimization without manual intervention 5G priority access and restrictions on low-rate users
Security	PSK authentication method Wireless encryption with WEP, WPA, WPA2, and WPA3 Security filtering based on IP and MAC Protects against DDoS, De-Auth, and similar attacks Rogue AP detection
Application Added	For RTLS probes Docking wireless positioning system
Management and Maintenance	Traditional device management such as Telnet, SSH, Web, SNMP and Cloud Diagnostic tools such as ping, tracer, and debug Centralized AC management via CAPWAP and MQTT PALLAS unified cloud management AP indicator light control

## Ordering Information

Product Name	Product Description
WAP210-T618-V2	WAP210 Ceiling-mounted intelligent Wifi6 AP (2*GE Ethernet ports, built-in MIMO antenna, Supports 802.11 a/b/g/n/ac/ax, wireless speed up to 1800Mbps, Supports PoE and Adaptor, power supply equipment not included)
WAP210-T630-V2	WAP210 Ceiling-mounted intelligent Wifi6 AP (2*GE Ethernet ports, built-in MIMO antenna, Supports 802.11 a/b/g/n/ac/ax, wireless speed up to 3000Mbps, Supports PoE and Adaptor, power supply equipment not included)
WAP210-T630E-V2	WAP210 High-density Ceiling-mounted intelligent Wifi6 AP (1*2.5G and 1*GE Ethernet ports, built-in MIMO antennas, Supports 802.11 a/b/g/n/ac/ax, wireless speed up to 3000Mbps, Supports PoE and Adaptor, power supply equipment not included)
WAP210-T654	WAP210 High-density Ceiling-mounted intelligent Wifi6 AP (1*2.5G and 1*GE Ethernet ports, built-in MIMO antenna, Supports 802.11 a/b/g/n/ac/ax, wireless speed up to 5400Mbps, Supports PoE and Adaptor, power supply equipment not included)
WAP210-T751-V1	WAP210 High-density Ceiling-mounted intelligent Wifi7 AP (1*2.5G and 1*GE Ethernet ports, built-in MIMO antenna, Supports 802.11 a/b/g/n/ac/ax/be, wireless speed up to 5100Mbps, Supports PoE and Adaptor, power supply equipment not included)
WAP-PSE-1000B Adaptor	Single-port Gigabit PSE power supply module 12V/1.5A adapter

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